

**SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
PERMIT APPLICATION PUBLIC NOTICE**

**September 7, 2007**

**Permit Number:** OCRM-07-244-B  
**Permit ID:** 59149

The SCDHEC Office of Ocean and Coastal Resource Management has received an application for a permit for the alteration of a critical area. This application was submitted pursuant to the Coastal Zone Management Act (Act 123) of the 1977 South Carolina General Assembly. The application, in brief, is described as follows:

**APPLICANT:** Hilton Head Public Service District  
Attn: Greg Rushing, P.E.  
21 Oak Park Drive  
P.O. Box 21264  
Hilton Head Island, SC 29925

**LOCATION:** On and adjacent to Mackay and Skull Creeks off of Highway 278 between Jenkins Road and Gateway Drive on Jenkins Island, Beaufort County, South Carolina.  
TMS#: R501 006 000 0001 0000

**WORK:** The work as proposed and shown on the attached plans will consist of installing, by directional boring into Skull Creek, approximately 170' long 16" diameter outfall pipe to an 20' long outfall diffuser assembly consisting of a 16" diameter pipe and three 6" diameter tideflex diffuser check valves. The work will also include the installation of a 16" diameter outfall pipe by directional boring, under two wetland areas that cross under Jenkins Road. The purpose of the proposed work is to convey and discharge the concentrate waste stream generated by the water treatment process. **PLEASE NOTE:** This proposed project has been authorized under a Nationwide 12 permit by the U.S Army Corps of Engineers.

This public notice is being distributed to all known interested persons and agencies to assist in developing facts on which a decision by OCRM can be based. Comments concerning the proposed work should be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

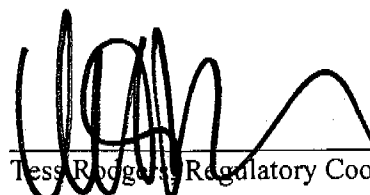
The decision to issue or deny a permit will be based on the individual merits of the application, the policies specified in the South Carolina Coastal Zone Management Act, and the considerations outlined in the State of South Carolina Coastal Zone Management Program. Interested parties who wish to be notified of final permit action must notify OCRM in writing of this request.

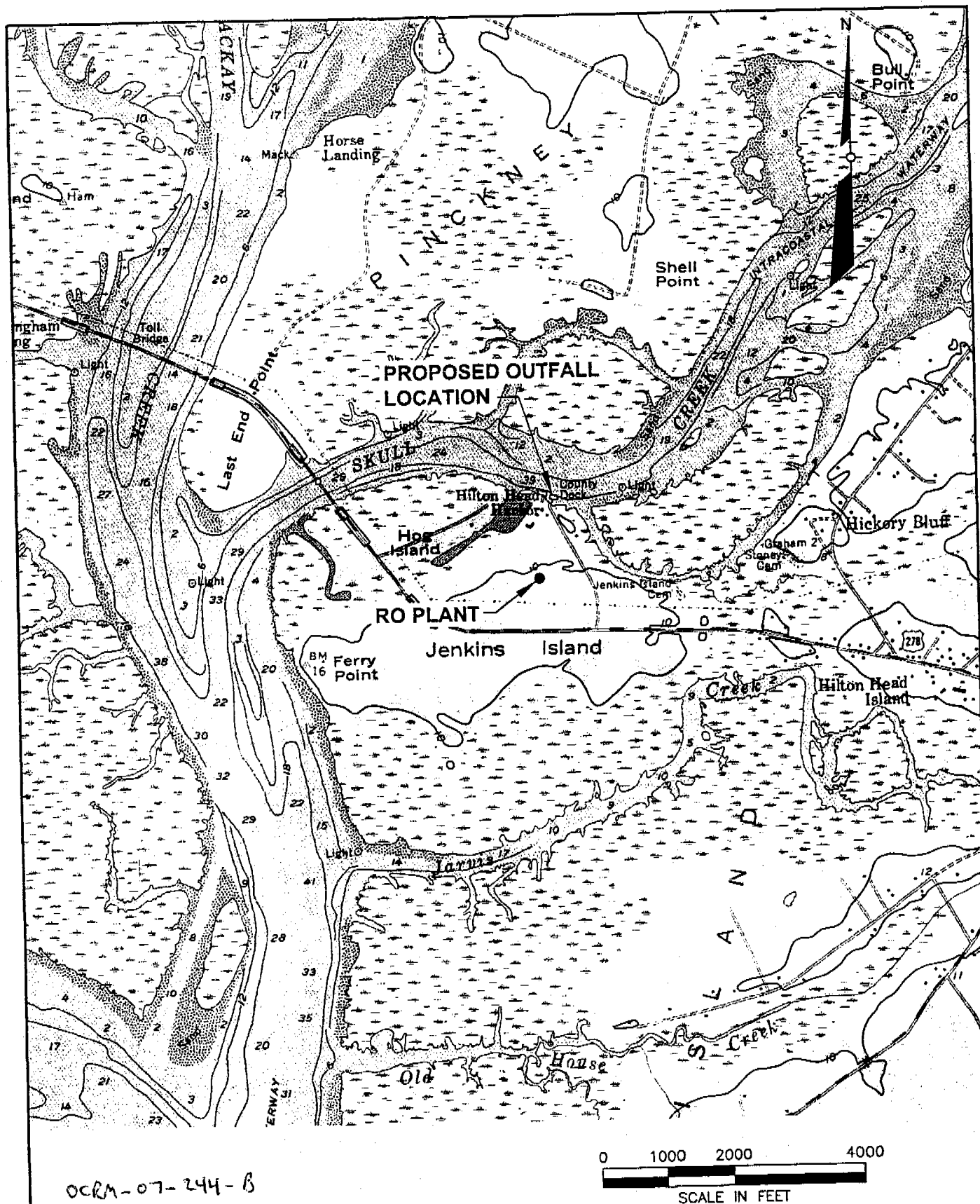
*To assure review by OCRM, comments regarding this application must be received by OCRM on or before October 7, 2007. For further information please contact the project manager for this activity, Steven Brooks at (843) 953-0235.*

**PLEASE REPLY TO:**

SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
1362 McMillan Avenue, Suite 400  
Charleston, South Carolina 29405

Please refer to P/N# OCRM-07-244-B

  
Tess Rogers, Regulatory Coordinator



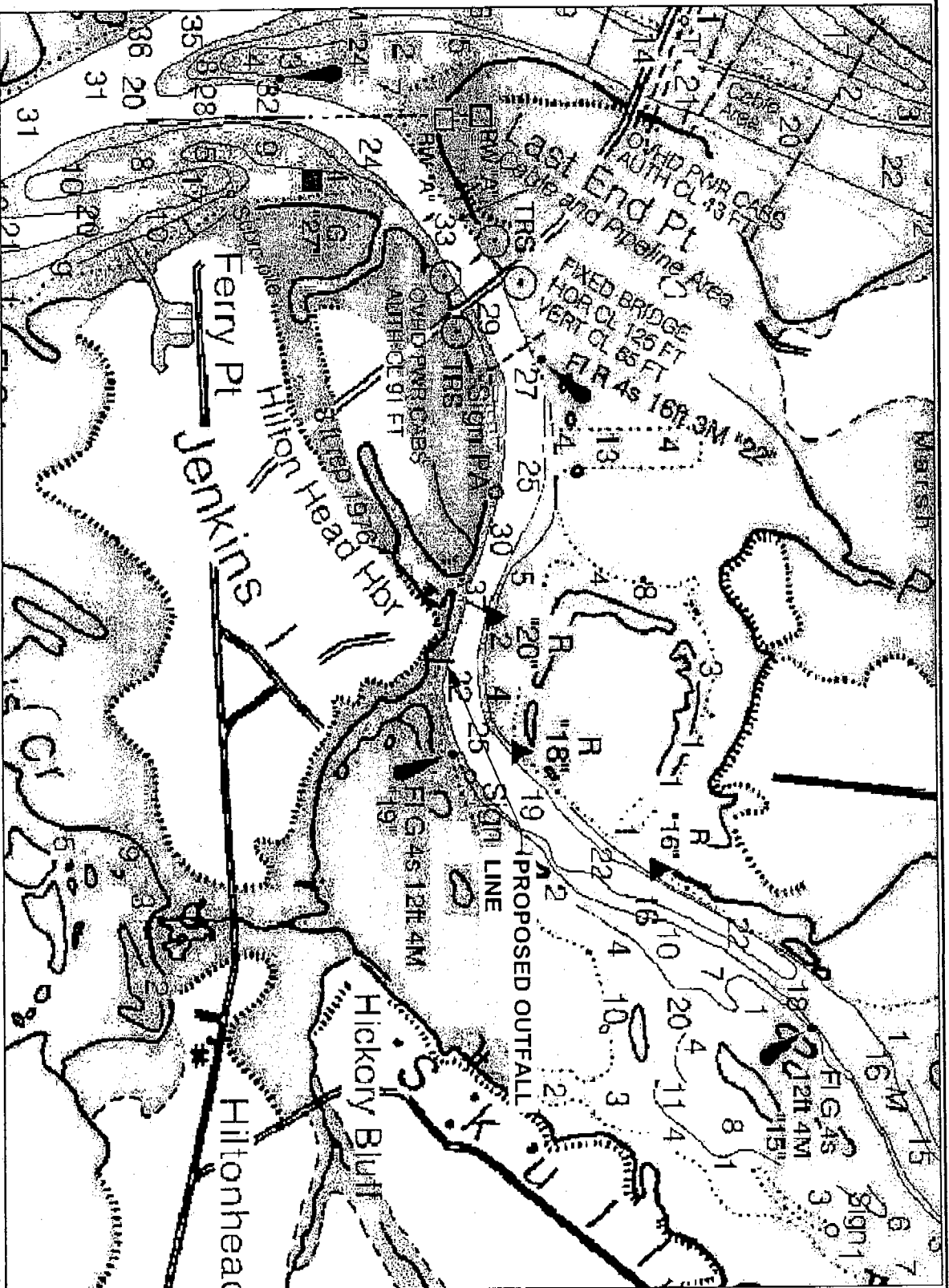
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FIGURE 1  
SITE LOCATION MAP

HILTON HEAD REVERSE OSMOSIS TREATMENT FACILITY  
HILTON HEAD, SOUTH CAROLINA

APRIL 2007

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0cfm-07-244-8

REFERENCE:

NOAA

PORT ROYAL SOUND

1983



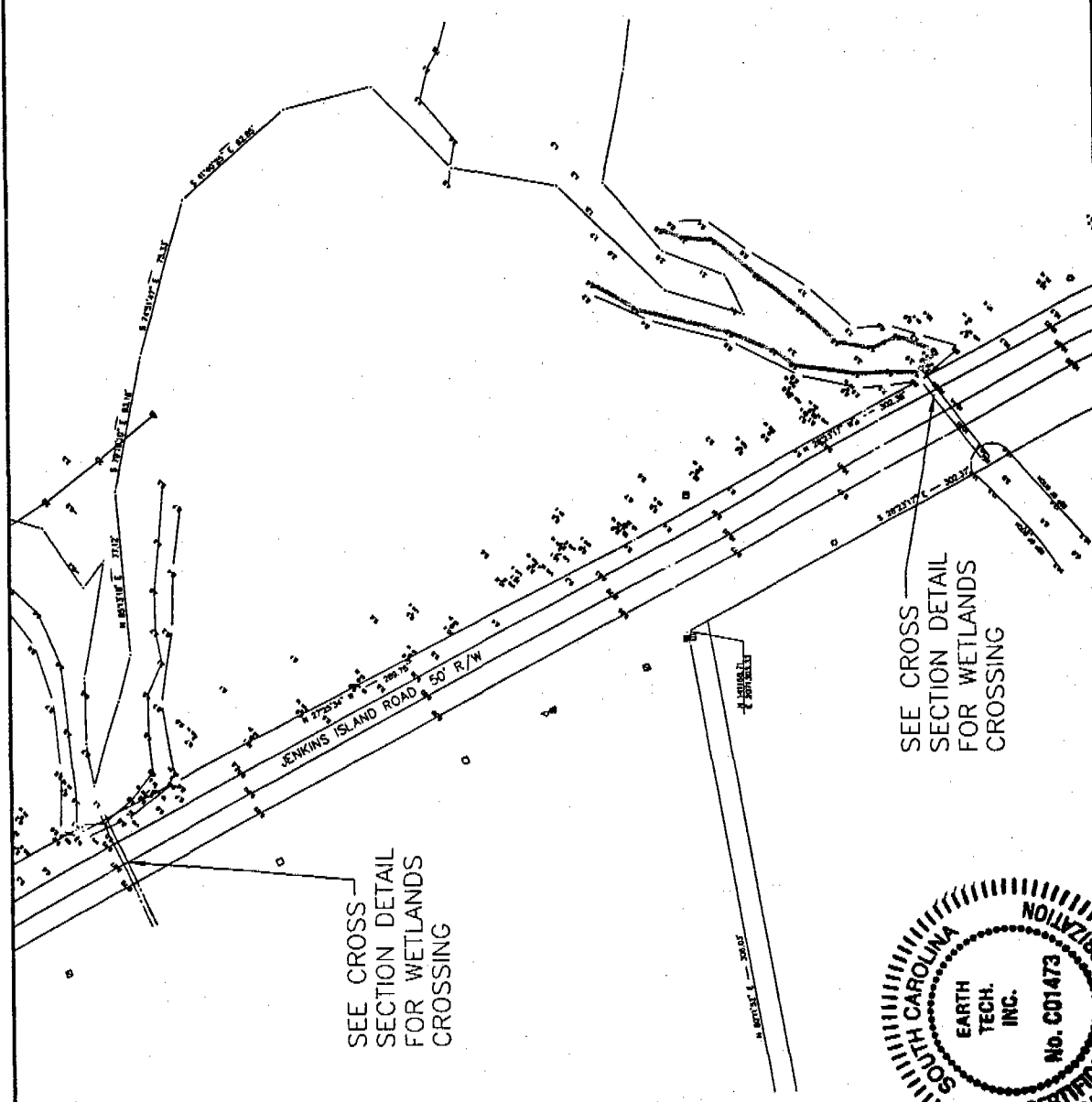
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OUTFALL LOCATION  
NOAA CHART - SKULL CREEK

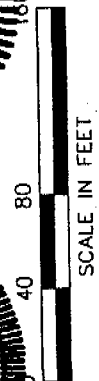
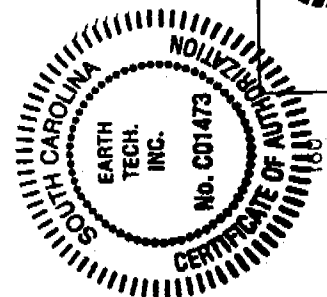
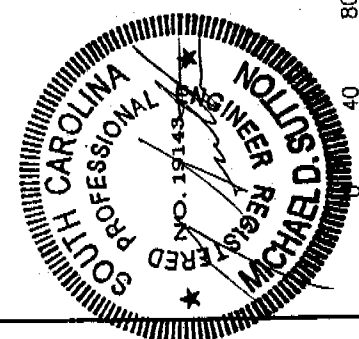
HILTON HEAD REVERSE OSMOSIS WATER TREATMENT FACILITY  
HILTON HEAD, SOUTH CAROLINA

JUNE 2007

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OCR-07-244-B



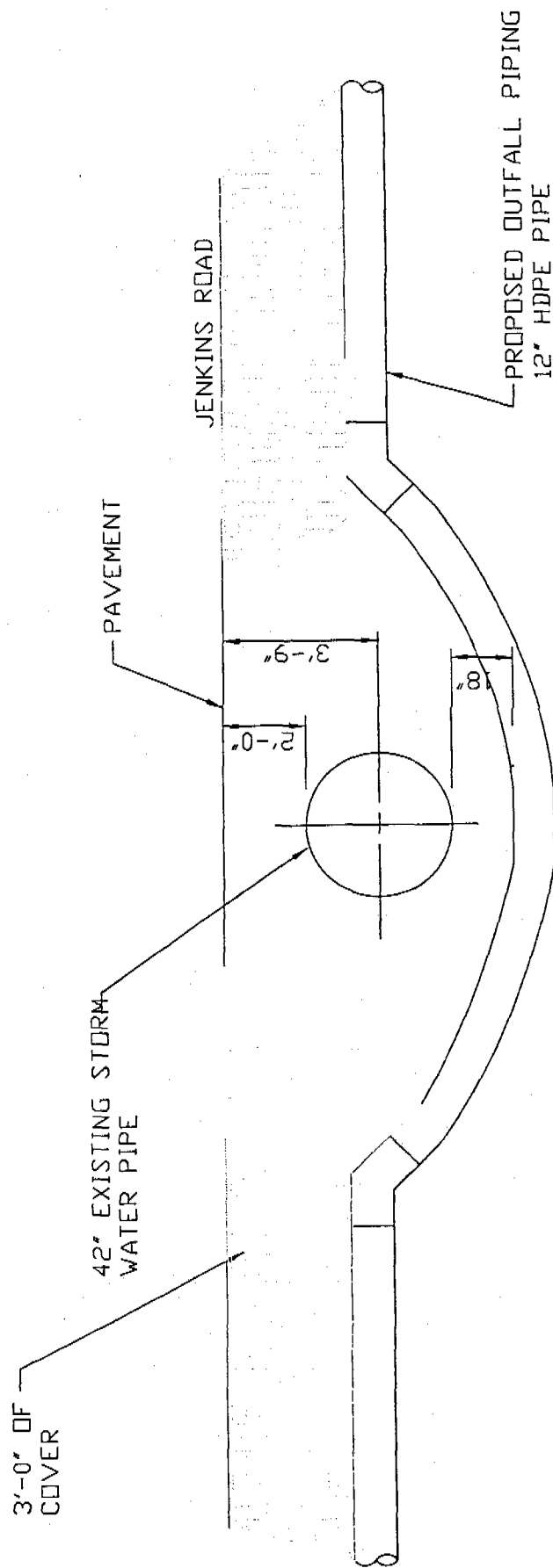
**EarthTech**  
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WETLANDS CROSSING ALONG JENKINS ROAD  
DIRECTIONAL DRILLING PIPING PLAN

HILTON HEAD REVERSE OSMOSIS TREATMENT FACILITY  
HILTON HEAD, SOUTH CAROLINA

JUNE 2007

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DIRECTIONAL DRILL PIPE SECTION

NOTE: PIPING TO BE INSTALLED BY DIRECTIONAL DRILLING  
UNDERNEATH PIPES/WETLANDS.

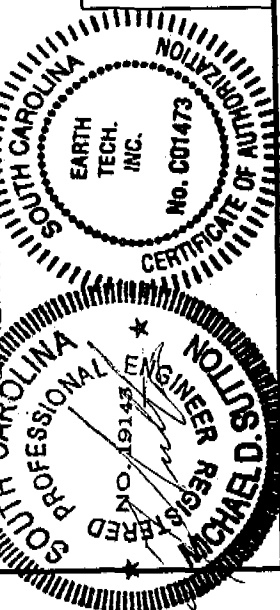


OCRW-07-244-B

WETLANDS CROSSING ALONG JENKINS ROAD  
DIRECTIONAL DRILLING CROSS SECTION



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HILTON HEAD REVERSE OSMOSIS TREATMENT FACILITY  
HILTON HEAD, SOUTH CAROLINA

JUNE 2007

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# LEGEND:



- EXISTING
- PROPOSED
- - - UTILITY RIGHT OF WAY BOUNDARY
- OVERHEAD UTILITY
- BURIED FORCE MAIN

Flood →  
← Ebb

SKULL CREEK

MLW (-3.3')

MHW (+4.0')

MARINA

DISCHARGE LINE  
TERMINATING AT  
DIFFUSER

Critical Line (+5.0')

RV RESORT AND  
YACHT CLUB

PROPOSED REVERSE  
OSMOSIS PLANT

PROPERTY  
BOUNDARY

DISCHARGE LINE  
TO SKULL CREEK

FROM GROUNDWATER  
WELLS

TIE-IN TO BJWSD  
WATER LINE

0 150 300 600  
SCALE IN FEET

EXISTING UTILITY R.O.W.

SITE ENTRANCE

OCRM-07-244-B



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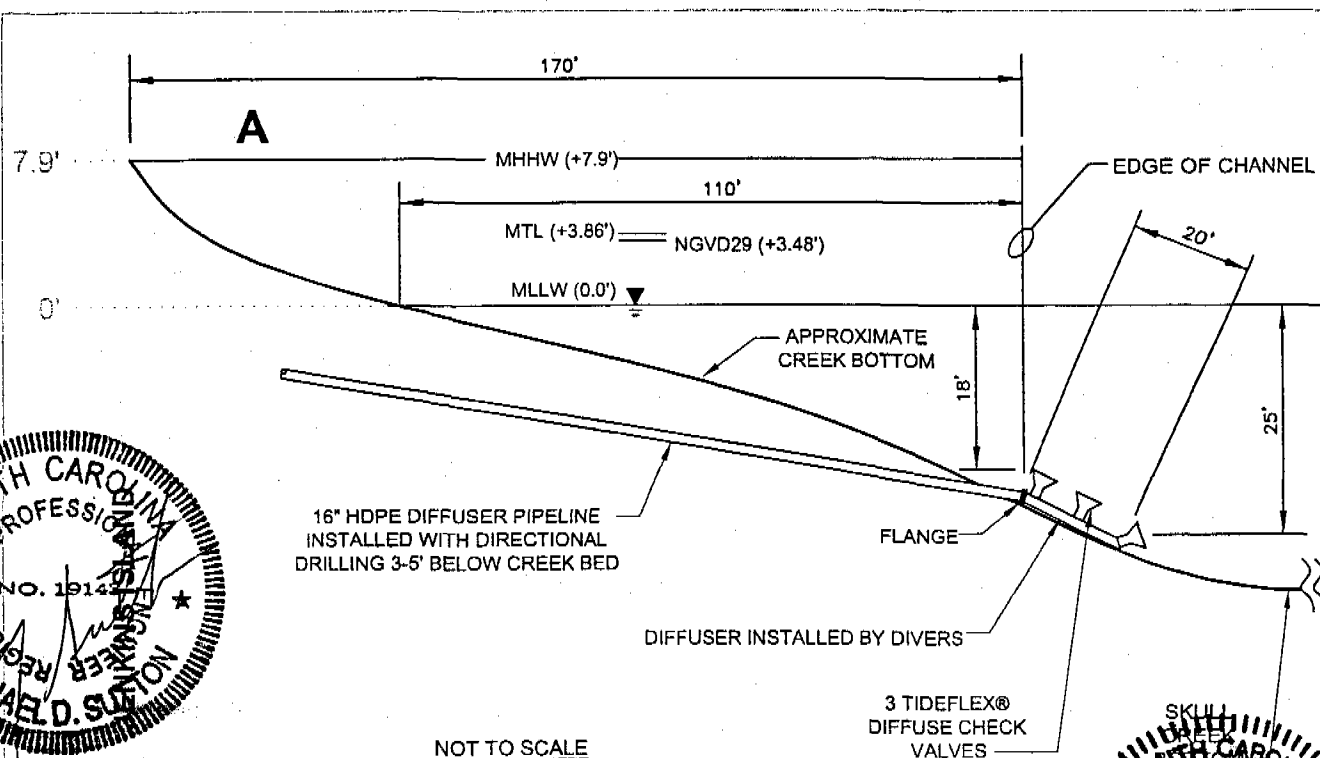
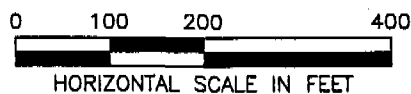
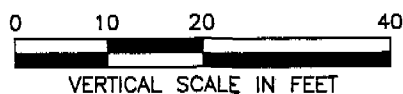
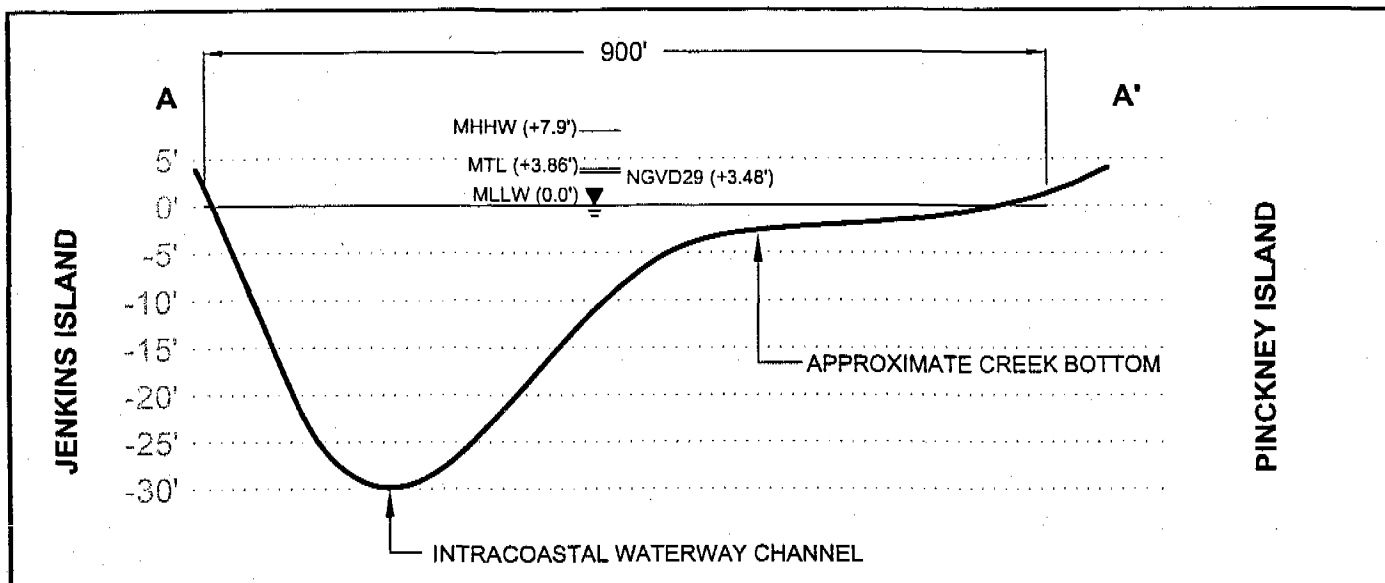
SITE LAYOUT

HILTON HEAD REVERSE OSMOSIS TREATMENT FACILITY  
HILTON HEAD, SOUTH CAROLINA

MAY 2007

99573

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#### LEGEND:

MHHW	MEAN HIGHER HIGH WATER LEVEL
NGVD29	NATIONAL GEODETIC VERTICAL DATUM OF 1929
MTL	MEAN TIDE LEVEL
MLLW	MEAN LOWER LOW WATER LEVEL

OCM-07-244-B

#### NOTES:

1. TIDE DATA FROM NOAA STATION ID 86023 SKULL CREEK SOUTH REFERENCED ON 1983-26 CHART 11516 AND REFERRED TO MLLW.
2. BATHYMETRIC DATA INTERPOLATED FROM NOAA CHART 11516 AND REFERRED TO MLLW.



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FIGURE 5  
PRELIMINARY DIFFUSER CROSS-SECTION

HILTON HEAD REVERSE OSMOSIS TREATMENT FACILITY  
HILTON HEAD, SOUTH CAROLINA

REVISED JUNE 2007

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